



MPS (Monolithic Power Systems)

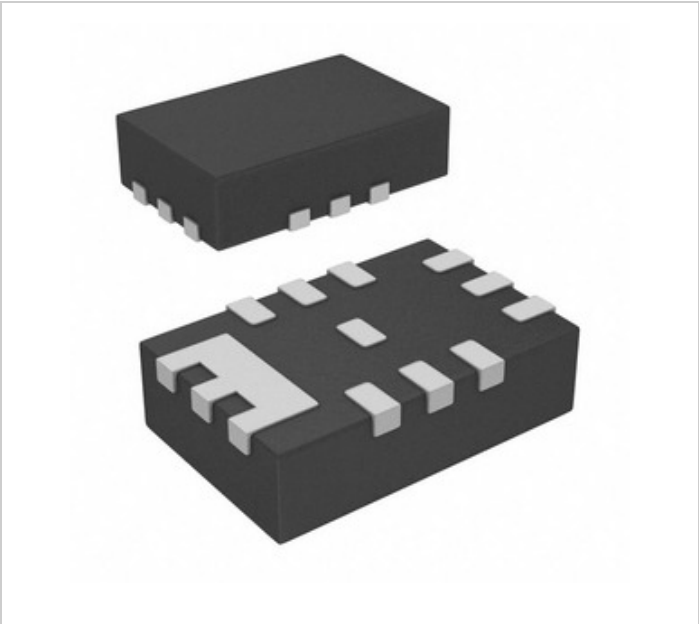


Image may be representation. See specifications for product details.

MP2145GD-P

|                     |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MP2145GD-P                                                                                                       |
| Manufacturer/Brand: | MPS (Monolithic Power Systems)                                                                                   |
| Product description | IC REG BUCK ADJ 6A SYNC                                                                                          |
| Datasheets:         |  <a href="#">MP2145GD-P.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant     |
| Ship From           | Hong Kong                                                                                                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                            |

REQUEST FOR QUOTATION

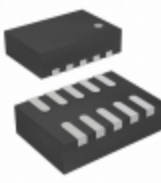
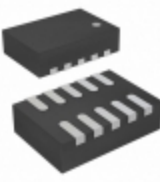
Specifications of MP2145GD-P

|                                  |                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MP2145GD-P                                                                                                         |
| MANUFACTURER                     | MPS (Monolithic Power Systems)                                                                                     |
| DESCRIPTION                      | IC REG BUCK ADJ 6A SYNC                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                         |
| DATA SHEET                       |  <a href="#">MP2145GD-P.pdf</a> |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 0.6V                                                                                                               |
| VOLTAGE - OUTPUT (MAX)           | 5.5V                                                                                                               |
| VOLTAGE - INPUT (MIN)            | 2.8V                                                                                                               |
| VOLTAGE - INPUT (MAX)            | 5.5V                                                                                                               |
| TOPOLOGY                         | Buck                                                                                                               |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 12-QFN (2x3)                                                                                                       |
| SERIES                           | -                                                                                                                  |
| PACKAGING                        | Tape & Reel (TR)                                                                                                   |
| OUTPUT TYPE                      | Adjustable                                                                                                         |
| OUTPUT CONFIGURATION             | Positive                                                                                                           |
| OTHER NAMES                      | 1589-1083-2                                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                                                                 |
| NUMBER OF OUTPUTS                | 1                                                                                                                  |
| MOUNTING TYPE                    | Surface Mount                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                      |
| MANUFACTURER STANDARD LEAD TIME  | 16 Weeks                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                         |
| FUNCTION                         | Step-Down                                                                                                          |
| FREQUENCY - SWITCHING            | 1.2MHz                                                                                                             |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Adjustable 0.6V 1 Output 6A                                                   |
| CURRENT - OUTPUT                 | 6A                                                                                                                 |

Related Tags

|                                           |                                         |                                               |
|-------------------------------------------|-----------------------------------------|-----------------------------------------------|
| MPS (Monolithic Power Systems) MP2145GD-P | MP2145GD-P Distributor                  | MP2145GD-P Supplier                           |
| MP2145GD-P Price                          | MP2145GD-P Pictures                     | MP2145GD-P Image                              |
| MP2145GD-P PDF Datasheet                  | MP2145GD-P Download Datasheet           | MP2145GD-P Datasheet                          |
| MP2145GD-P Stock                          | Buy MP2145GD-P                          | Buy MPS (Monolithic Power Systems) MP2145GD-P |
| MPS (Monolithic Power Systems) MP2145GD-P | MPS (Monolithic Power Systems) Supplier | MPS (Monolithic Power Systems) Distributor    |
| MPS (Monolithic Power Systems) MP2145GD-P | Monolithic Power Systems MP2145GD-P     | Monolithic Power Systems Inc. MP2145GD-P      |
| MPS (Monolithic Power Systems) MP2145GD-P |                                         |                                               |

Related Products

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|  <div><b>MP2143HGD-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 3A SYNC<br/>In stock: Out stock<br/><div>RFQ</div></div>             |  <div><b>MP2148GQD-12-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK 1.2V 1A SYNC QFN<br/>In stock: 555 pcs<br/><div>RFQ</div></div>   |
|  <div><b>MP2144GJ-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 2A SYNC<br/>In stock: 500 pcs<br/><div>RFQ</div></div>                |  <div><b>MP2144GJ-ZX</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 2A SYNC<br/>In stock: Out stock<br/><div>RFQ</div></div>         |
|  <div><b>MP2147GD-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 4A SYNC<br/>In stock: Out stock<br/><div>RFQ</div></div>              |  <div><b>MP2143DJ-LF-ZX</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 3A SYNC<br/>In stock: Out stock<br/><div>RFQ</div></div>      |
|  <div><b>MP2144GJ-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 2A SYNC<br/>In stock: Out stock<br/><div>RFQ</div></div>              |  <div><b>MP2147GD-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 4A SYNC<br/>In stock: Out stock<br/><div>RFQ</div></div>          |
|  <div><b>MP2148GQD-15-P</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 1A SYNCHRONOUS STEP-DOWN CONVERT<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MP2148GQD-12-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK 1.2V 1A SYNC QFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MP2145GD-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 6A SYNC<br/>In stock: Out stock<br/><div>RFQ</div></div>              |  <div><b>MP2143HGD-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: IC REG BUCK ADJ 3A SYNC<br/>In stock: Out stock<br/><div>RFQ</div></div>         |